

SALIN, A.A.; VOLKOVA, V.S.; TOKAYEV, Yu.N.; ~~TULENKOV, I.P.~~; KOPYTOV,  
S.A.; GUZAIROV, R.S.

Electrodeposition of zinc with high electrolyte temperatures.  
TSvet.met. 35 no.12:13-18 D '62. (MIRA 16:2)  
(Zinc-Electrometallurgy)  
(Metals, Effect of temperature on)

RAKOSH, G.M.; SALIN, A.A.; ZINOV'YEV, A.F.; PILIPCHUK, N.A.; KOCHERGIN, A.I.;  
TULENKOV, I.P.; SHARAPOV, S.F.; VOLKOVA, V.S.; ROGALIS, Yu.P.;  
VLASOV, V.A.

Directions for the technical improvement of the electrolysis  
of zinc. TSvet. met. 38 no.5:22-25 My '65.

(MIRA 18:6)

TULENINOV, G., gvardii mayor tekhn. sluzhby.

Carrying the pistol (revolver). Voen. vest. 35 no.8:61-82 Ag '55.  
(Pistols) (MIRA 11:3)

TULENINOVA, G.N.

Best wishes for N.N.Voznesenskii's book. ("Testing the quality of crude and finished fabrics." N.N.Voznesenskii Reviewed by G.N.Tulenina). Tekst.prom.15 no.9:47 S'55. (MLRA 8:11)

1. Master uborochno-skladal'nogo otdela Sosnevskoy otdelochnoy fabriki

(Textile fabrics) (Voznesenskii, N.N.)

**"APPROVED FOR RELEASE: 03/14/2001**

**CIA-RDP86-00513R001757410016-9**

**APPROVED FOR RELEASE: 03/14/2001**

**CIA-RDP86-00513R001757410016-9"**

*TULENKOV, F.K.*  
AUTHOR: ZOLOTUKHINA, N.S., TULENKOV, F.K., and VAYNSHENKER, I.I. PA - 2403  
TITLE: Combination of Wire Patenting and Galvanizing. (Sovmeshcheniye  
patentirovaniya i otsinkovaniya provoloki, Russian).  
PERIODICAL: Stal'. 1957, Vol 17, Nr 2, pp 165 - 168 (U.S.S.R.)  
ABSTRACT: Within the last few years patenting of wire changed over almost  
entirely from using lead to the application of molten potassium  
nitrate. Besides, drawing of zinc-coated and patented wire has  
been introduced for almost all diameters. The steel-wire and hemp-  
rope plant in Odessa developed a new procedure for simultaneous  
patenting and zinc-coating, which is based on the fact that the  
temperatures for patenting (450 - 520° C) and for zinc-coating  
(450 - 490° C) are near to each other. The zinc served at the same  
time as a coating for the wire and as a medium for isothermal  
cooling down.  
Wire material produced in this way differed very little with re-  
spect to zinc coating, structure, and mechanical properties, from  
the qualities obtained by the usual processes of successive  
zinc-coating and patenting of the blanc wire. The finished wire  
corresponds to the standard specification GOST 3241-46. The thick-  
ness of the zinc-coating is sufficient to obtain a wire with a  
permissible ratio of reduction of 75 - 80 % on further drawing.

Card 1/2

PA - 2403

Combination of Wire Patenting and Galvanizing.

The quality of the wire is slightly improved if the temperature is correctly controlled and the wire is heated uniformly over its total length. Drawing of the patented and zinc-coated wire can be carried out quite in the usual way in another unit and causes no difficulties whatsoever. The practical usefulness of the new method is due to its greater degree of economy, the simple construction of its installation, and of its simple operation. (5 illustrations and 5 tables.)

ASSOCIATION: Steel Wire and Hemp Rope Factory, Odessa.

PRESENTED BY:

SUBMITTED:

AVAILABLE: Library of Congress.

Card 2/2

TULENKOV, F.K., inzh.

Increasing the efficiency of rope by means of straightening the  
wire during the drawing process. Stal' 24 no.9:860-862 3 '64  
(MIR: 17:10)

1. Odesskiy kanatnyy zavod.



TULENKOV, P. K.

Effect of wire straightening during the drawing process on its  
mechanical properties. Izv.vys.ucheb.zav.; chern.met.7 no. 5:  
110-116 '64. (MIRA 17:5)

1. Odesskiy politekhnicheskii institut.

MAK, S.L.; TULENKOV, F.K.; SHTEYNBERG, L.B.; BERSHAK, V.I.; SERGEYEV, S. I.;  
GUDIMENKO, A.I.; DAVYDOV, A.M.

Exchange of experience. Zav.lab. 28 no.1:114-115 '62.  
(MIRA 15:2)

1. Odesskiy politekhnicheskiy institut i Odesskiy zavod stal'nykh  
kanatov (for Mak, Tulenkov, Shteynberg). 2. Gosudarstvennyy  
nauchno-issledovatel'skiy institut tsvetnykh metallov (for  
Bershak, Gudimenko, Davydov).  
(Testing machines)

VAYNSHENKER, I.I., inzhener; ZOLOTUKHINA, N.S., inzhener; TULENKOV, F.K.,  
tekhnik.

Reduction of lead losses in patenting. Stal' 15 no.1:76-79 Ja '55.  
(MIRA 8:5)

1. Odesskiy staleprovolochno-kanatnyy zavod.  
(Lead plating) (Wire)

TULENKOV, K. I.

Drawing of galvanized steel wire. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po  
chernoi i tsvetnoi metallurgii, 1953. 75 p. (54-18967)

TS270.T8

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APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410016-9"

TULENKOV, K.I., inzh.; GAYDUCHENKO, B.I., inzh.

Effect of residual stresses in wire on the efficiency of wire  
rope. Stal' 23 no. 3:280-281 Mr '64. (MIRA 17:5)

1. Nauchno-issledovatel'skiy institut metiznoy promyshlennosti  
i Magnitogorskiy gornometallurgicheskiy institut.

TULENKOV, K.I.; PETRUKHIN, S.I.; GAYDUCHENKO, B.I.

Analyzing the distribution of residual stresses in rope wire.  
Izv. vys. ucheb. zav.; chern. met. 7 no.10:98-102 '64.  
(MIRA 17:11)

1. Magnitogorskiy gornometallurgicheskiy institut.

TULENKOV, K.I.; PARSHINA, L.A.; SYCHEV, S.M.

Drawing wire of G12 high-manganese steel. Stal' 24 no.10:  
943-945 0 '64. (MIRA 17:12)

1. Nauchno-issledovatel'skiy institut metiznoy promyshlennosti.



"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410016-9

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001757410016-9"

TULENKOV, K. I.

Drawing of galvanized steel wire. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1953. 75 p. (54-18967)

TS270.T8

TULENKOV, K. I.

Volocheniye Stal'noy Otsinkovannoy Provoloki (Drawing of Galvanized Steel Wire,  
by) K. T. Tulenkov (1) S. V. Sokolov. Moskva, Metallurgizdat, 1953.  
75p. Illus., Diagr., Tables.  
"Literatura": P. 75-(76)

SO: N/5  
615.914  
.T9

3

11

EFFECT of COPPER on PATENTING WIRE. K.I. Tulenkov.  
 (Stal, 1947, vol. 7, pp. 459-460 (in Russian); Chemical  
 Abstracts, 1949, vol. 43, Apr. 10, col. 2558). Tests were carried  
 out with a copper-contaminated (0.10-0.25%) steel in order to det-  
 ermine the effect of copper-contaminated on the duration of isothermal  
 decomposition of austenite and the allowable patenting speed of wire  
 drawn from such steel. Specimens were heated to the austenitic state,  
 then rapidly transferred to a molten lead bath kept at 460-580°, and  
 then water-quenched. The presence of copper retarded the decompos-  
 ition of austenite. The retardation was less at higher temperatures  
 but still noticeable. Therefore wire drawn from copper-containing  
 steel cannot be patented at the usual high speed.

T-23

ASTM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1900 1910 1920 1930 1940 1950 1960 1970 1980 1990

1900 1910 1920 1930 1940 1950 1960 1970 1980 1990

TULENKOV, K.I., inzhener, laureat Stalinskoy premii; SOKOLOV, N.V., inzhener,  
laureat Stalinskoy premii.

[Drawing of galvanized steel wire] Volochenie stal'noi otsinkovannoi provo-  
loki. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallur-  
gii, 1953. 75 p.

(MLRA 6:8)

(Wire)

16

1ST AND 2ND EXPERT PROCESSES AND PROPERTIES INDEX

**Electrolytic Coating of Steel Wire.** K. I. Tulenkov. (Stat. 1947, vol. 7, pp. 741-743 (in Russian); Chemical Abstracts, 1949, vol. 43, June 25, col. 4583). Electrolytic dipping was tried under various conditions of current and solution composition for the purpose of determining the most favourable conditions for dipping and drawing in a continuous coating furnace. A laboratory set-up for continuous dipping comprised an electrolytic bath, rinsing tank, strike tank, rinsing tank, lime-solution tank, tube furnace, and washing tank. The electrolytic bath contained a 15-20% solution of sulphuric acid at 40-60°. The anode was made of sheet lead or silicon-containing cast iron. Good results were obtained with A.C. at a c.d. of 150-200 amp./sq. dm. at 12 V. It is advisable to provide a wiper to remove lime off the wire leaving the bath. Equally good results were obtained by treating the wire cathodically; but anodic treatment gave negative results. The strike solution contained 4-5% copper sulphate and 2-3% sulphuric acid at 15-20°. The lime solution contained 200-300 g./l. of CaO and was kept at 100°. In the tube furnace the wire was dried and heated to 120-150°. The wire was evenly coated with copper and CaO, and could be drawn at 234

A18-31A DETALLURGICAL LITERATURE CLASSIFICATION

SYNOPSIS

RIGHTS INDEX

TULENKOV, K.I., inzhener.; ZLOTNIKOV, M.I., inzhener.; BOBYLEVA, S.F., inzhener.

Mechanical properties of work-hardened steel wire. Stal' 16 no.9:  
821-825 S '56. (MLRA 9:11)  
(Wire--Testing)

1ST AND 2ND CRITERIA																										3RD AND 4TH CRITERIA																									
PROCESSING AND PROPERTIES INDEX																																																			
<p><i>B</i></p> <p><b>Influence of Copper Content of Steel Wire Upon Its Behavior in Patenting.</b> K. I. Tulenkov, Henry Bratcher (Altadena, Calif.), Translation No. 2097, 6 pages. From <i>Stal</i> (Steel), v. 7, no. 5, 1947, p. 459-460.</p> <p>Gives results of an experimental study of the time required for isothermal decomposition of austenite in 0.9%-C steel wire contaminated by various amounts of Cu (0.10-0.23%). Experimental materials and procedures are described. Effect of Cu upon stability of austenite and permissible speed of patenting as a function of Cu content and of length of lead bath are given.</p>																										<p><b>7</b></p>																									
<p>ASS. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION</p>																										<p>891127 ONE ONLY 151</p>																									
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157 AND 158 (1947)

PROCESSES AND PROPERTIES INDEX

Effect of copper on patenting wire. K. L. Takemura. *Stal* 7, 459-460 (1947).—Tests were carried out with a Cu-contaminated steel (0.10-0.21%) in order to det. the effect of Cu on the duration of isothermal decompn. of austenite and to det. the allowable patenting speed of wire drawn from such steel. Specimens were heated to the austenite state, then rapidly transferred to a molten Pb bath kept at 460-580°, and then water-quenched. The presence of Cu retarded the decompn. of austenite. The retardation was less at higher temps. but still noticeable. Therefore, wire drawn from Cu-contg. steel cannot be patented at the usual high speed. M. Howch

157 AND 158 (1947)

PROCESSES AND PROPERTIES INDEX

Effect of copper on patenting wire. K. L. Takemura. *Stal* 7, 459-460 (1947).—Tests were carried out with a Cu-contaminated steel (0.10-0.21%) in order to det. the effect of Cu on the duration of isothermal decompn. of austenite and to det. the allowable patenting speed of wire drawn from such steel. Specimens were heated to the austenite state, then rapidly transferred to a molten Pb bath kept at 460-580°, and then water-quenched. The presence of Cu retarded the decompn. of austenite. The retardation was less at higher temps. but still noticeable. Therefore, wire drawn from Cu-contg. steel cannot be patented at the usual high speed. M. Howch

GAYDUCHENKO, B.I.; TULENKOV, K.I.; PETRUKHIN, S.I.

Effect of additional treatment on the internal stresses in rope wire.  
Izv.vys.ucheb.zav.; Chernomet. 8 no.6:108-112 '65.

(MIRA 18:8)

1. Magnitogorskiy gornometallurgicheskiy institut.

TSEFT, A.L.; ABLANOV, A.D.; TKACHENKO, O.B.; BATYRBEKOVA, S.A.; TULENKOV,  
L.N.; KARTASHEVA, L.A.

Treatment of complex metal sulfide ores by solutions of iron  
chloride; results of enlarged laboratory tests. Trudy Inst.  
met. 1 obog. AN Kazakh. SSR 14:41-47 '65. (MIRA 18:10)

*TULENKOVA, A.F.*  
MAKUSHIN, M.A.; TULENKOVA, A.F.

Solikamsk Combine at the end of 1957. Bum. prom. 33 no.1:16-18 Ja  
'58. (MIRA 11:2)

1. Direktor Solikamskogo tsellyulozno-bumazhnogo kombinata (for  
Makushin). 2. Nachal'nik Otdela truda i zarplaty kombinata (for  
Tulenкова).

(Solikamsk--Paper industry)

USSR/ Astronomy - Astrophysics

PA 15474

Nov/Dec 51

"Model of Main-Sequence Star With Absorption Law  $k = k_0 \lambda^{0.875-3.5}$ ," A. G. Marevich, V. P. Matveyeva, L. N. Tulenkova, Inst of Astr and Phys, Acad Sci Kazakh SSR, Alma-Ata; State Astr Inst imeni Shternberg, Moscow

"Astron Zhur" Vol XXVIII, No 6, pp 432-442

Discusses in detail model of star with convective core with absorption law  $k = k_0 \lambda^{0.875-3.5}$  and its properties. Compares it with formerly obtained computation of  $k$ . Application to existing stars indicates that model with convective core fits only main-sequence stars, but fails to explain giants or subgiants. Authors thank Acad V. G. Fesenkov for advice. Submitted Nov 50.

TULENKOVA, L.N.

Observations of minor planets at the Mountain Observatory of the  
Astrophysical Institute of the Academy of Sciences of the Ka-  
zakh S.S.R. Astron. tsir. no.142:2-3 S '53, (MLRA 7:7)

1. Astrofizicheskiy Institut AN Kazakhskoy SSR.  
(Planets, Minor)

TULENKOVA, L.N.

FESENKOV, V.G.; TULENKOVA, L.N.

Motion of the Sikhote-Alin' meteorite through the solar system.  
Meteoritika no.11:138-152 '54. (MLRA 8:3)  
(Meteorites)



TULENKOVA, L. N.

Subject : USSR/Astronomy

AID P - 372

Card 1/1 Pub. 8 2/12

Authors : Fesenkov, V. G., Kazachevskiy, V. M. and Tulenkova, L. N.

Title : On the Motion of Filaments of Nebulae NGC 6960 and NGC 6992-5 in the Constellation of Cygnus

Periodical : Astron. zhur., v. 31, 3, 224-230, My-Je 1954

Abstract : In comparing the photographs of nebulae NGC 6960 and NGC 6992-5, made at intervals of 22 and 50 years respectively, the displacement of individual very clearly distinguishable filaments was established. The velocities are considerable (in tens km. per sec.) and there is a tendency in some parts to spread out. Two photoplates, two sketches, and equations. 4 references of which one is Russian.

Institution : Academy of Sciences, Kazakstan SSR, Astrophysical Institute

Submitted : April 3, 1954

MATYAGIN, V.S.; TVLENKOVA, L.N.

Preliminary determination of the astronomical coordinates of the  
Mountain Observatory of the Astrophysics Institute of the Academy of  
Sciences of the Kazakh S.S.R. (Alma-Ata). Astron.tsir. no.145:18 Ja '54.  
(MIRA 7:6)

1. Astrofizicheskiy Institut AN KSSR.  
(Latitude) (Longitude)

MASEVICH, A.G.; MATVEYEVA, V.P.; TULENKOVA, L.N.

Calculations for a star model with center convection for different laws of absorption and its adaptation to main sequence stars. Izv. Astrofiz. Inst. AN Kazakh.SSR 1 no. 1/2:143-171 '55.

(MLRA 9:10)

(Stars--Constitution)

NIKOL'SKIY, G.M.; TULENKOVA, L.N.

Flare on Jupiter. Astron. tsir. no.178:12 Mr '57. (MLRA 16:7)  
(Jupiter (Planet))

SOV/35-59-9-7325

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, Nr 9, pp 74 - 75 (USSR)

AUTHORS: Matyagin, V.S., Tulenkova, L.N.

TITLE: The Determination of the Position of the <sup>12</sup>Second Soviet Satellite From Photographic Observations at the Mountain Observatory of the Astrophysical Institute AS KazSSR

PERIODICAL: Astron. tsirkulyar, 1958, July 3, Nr 193, pp 5 - 6

ABSTRACT: Twelve positions of Sputnik II are given for the two flights of January 25 and March 19, 1958. These positions were determined by the photographic method. Photographs taken by Maksutov's meniscus<sup>12</sup> astrograph were measured on the UIM-21<sup>12</sup> measuring microscope; the measurements were processed according to Deutsch's method (by three reference stars). The method of synchronizing moments of time with the satellites positions was described earlier. (See RZhAstr., 1959, Nr 7, 5640) .

Card 1/1

G.A.M.



TULENKOVA, L.N.

Determination of oscillations of stellar images based on observations at the Observatory of the Astrophysical Institute [with summary in English]. Izv. Astrofiz. inst. Kazakh. SSR 7:74-78 '58.

(MIRA 11:7)

(Stars--Observations)

SOV/35-59-9-7325

Translation from: Referativnyy zhurnal, Astronomiya i Geodeziya, 1959, Nr 9, pp 74 - 75 (USSR)

AUTHORS: Matyagin, V.S., Tulenkova, L.N.

TITLE: The Determination of the Position of the <sup>12</sup>Second Soviet Satellite From Photographic Observations at the Mountain Observatory of the Astrophysical Institute AS KazSSR

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G.A.M.

Card 1/1



OMAROV, T.B.; TULENKOVA, L.N.

Results of photographic observations of artificial earth  
satellites. Biul.sta.opt.nabl.isk.sput.Zem. no.3:19 '58.  
(MIRA 13:6)

1. Sotrudniki Astrofizheskogo instituta AN Kazakhskoy SSSR.  
(Artificial satellites--Tracking)



23713

S/035/61/000/004/048/058  
A001/A101

3,1540

AUTHORS: Karyagina, Z. V., and Tulenkova, L. N.

TITLE: A spectrophotometrical investigation of continuous and emission spectra of the night sky in the visual region of spectrum

PERIODICAL: Referativnyy zhurnal. Astronomiya i Geodeziya, no. 4, 1961, 70-71 abstract 4A524 ("Izv. Astrofiz. in-ta, AN KazSSR, 1959 (1960), v. 9, 86-95, Engl. summary) (pull.)

TEXT: Spectra of night sky glow in region  $\lambda\lambda$  4100-6500 were photographed by means of a nebular spectrograph with a high-speed camera (1 : 0.7) and dispersion of 2,500 Å/mm at  $\lambda$  5600. Observations were carried out at an altitude of 3,000 m above sea level. Calibration was made by comparing with spectra of a luminophore taken at different widths of the slit, and standardization - with spectra of stars  $\delta$  Cyg and  $\beta$  Dra; energy distribution in the spectra of the latter was determined in absolute units by comparing with energy distribution in the solar spectrum. Intensity distribution in continuous spectrum of the night sky glow in region  $\lambda\lambda$  4100-6500 was determined. Integrated brightness of the continuous background and integrated brightness of lines  $\lambda\lambda$  5577, 5893, 6300

Card 1/2

23713

A spectrophotometrical investigation ...

S/035/61/000/004/048/058  
A001/A101

(in  $\text{erg/cm}^2 \text{ sec. sterad}$ ) were found, and the ratio of summary intensities of emission lines to continuous background intensity was determined which turned out to be 0.44 on the average. This ratio varies considerably from night to night due to variations of emission line intensities. There are 11 references.

L. Fishkova

[Abstracter's note: Complete translation]

Card 2/2

TULENOV, M.

Acute pulmonary edema in mitral stenosis. Trudy Inst. klin. i  
eksp. khir. AN Kazakh. SSR 9:37-41 '63. (MIRA 12:12)

TSYBANEVA, N.G.; TULENOV, M.T.; TURGANBAYEV, A.T.

Diagnosis of mitral stenosis as per materials of the Institute  
of Clinical and Experimental Surgery of the Academy of Sciences.  
of the Kazakh S.S.R. Trudy Inst. klin. i eksp. khir. AN Kazakh.  
SSR 9:8-14 '63. (MIRA 17:12)

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KLYACHKO, Yu.A.; IZMANOVA, T.A.; BUYANOV, N.V.; TULEPOVA, I.V.; SUKHOVA,  
N.P.

Spectrochemical method of analyzing nonmetallic inclusions in  
steel. Sbor. trud. TSNIICHM no.24:82-86 '62. (MIRA 15:6)  
(Steel--Inclusions) (Nonmetallic materials--Spectra)



ZHELYABIN, A.; KOVNATSKIY, I.; GROSS, K.; TULER, A.

Manual on machining flour mill rolls ("Polishing and grooving flour mill rolls" by L.I.Kotliar and N.IA.Kesterl'man. Reviewed by A.Zhelyabin and others). Muk.-elev.prom. 25 no.2: 3 of cover F '59. (MIRA 12:4)

1. Glavnyy inzhener Moskovskogo oblastnogo upravleniya khlebo-  
produktov (for Zhelyabin). 2. Glavnyy inzhener Moskovskogo  
gorodskogo upravleniya khleboproduktov (for Kohnatskiy). 3.  
Glavnyy inzhener mel'nitsy No.2 "Novaya Pobeda." (for Gross).
4. Glavnyy inzhener Novosibirskogo mel'nichnogo kombinata No.1  
(for Tuler).  
(Flour mills) (Kotliar, L.I.) (Kesterl'man, N.IA.)

GUN, L.; KRSHEMINSKIY, V.; BLOKHIN, P.; DUNDUK, I., kand.tekhn.nauk; TULER, A.

Shaft recirculation grain dryer at the Kochnev Grain Receiving  
Station. Muk.-elev. prom. 29 no.3:6-8 Mr '63. (MIRA 16:9)

1. Glavnyy inzh. Novosibirskogo upravleniya khleboproduktov (for  
Gun). 2. Direktor Sibirskogo filiala Vsesoyuznogo nauchno-isledovatel'skogo instituta zerna i produktov yego pererabotki (for Krshe-  
minskiy).

TULER, LAZAR SKULEVICH

PHASE I BOOK EXPLOITATION

341

. Yefimov, Aleksey Nikolayevich, Parkhuta, Andrey Nikitovich, Tilevich, Izrail' Aleksandrovich, Tuler, Lazar' Skulevich, Fel'dblyum, Boris Borisovich, and Shaposhnikov, Kas'yan Grigor'yevich

Osnovy teorii poleta samoleta (Principles of the Theory of Aircraft Flight)  
Moscow, Voen. izd-vo Min-va obor. SSSR, 1957. 443 p. No. of copies  
printed not given.

. Ed.: Zakharov, D. M., Engineer-Col.; Tech. Ed.: Myasnikova, T. F.

PURPOSE: This book is intended as an aviation and technical text book on the secondary school level. It may also be used as a textbook in the study of the fundamentals of aircraft flight theory for the flying and technical personnel of the Air Forces and of the All-Union Voluntary Society for the Promotion of the Army, Aviation and Navy. The introduction is intended for readers who embark for the first time upon the study of the fundamentals of aviation. The text is approved as a textbook for military aviation and technical schools by the Chief of the Vuz Administration of the Military Air Force.

Card 1/17

341

Principles of the Theory (Cont.)

COVERAGE: The authors discuss the fundamentals of applied general and high-speed aerodynamics, the fundamentals of the aerodynamics of propellers, aircraft performance, stability, control, maneuvering flight. The book contains 4 tables and 360 figures. There are 29 Soviet references, 4 of which are translations.

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2. Basic characteristics of the air (pressure, temperature, density)

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Principles of the Theory (Cont.)

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